WHAT IS CLAIMED IS:

1. A digital watermarking device to insert the digital watermark information into the digital information comprising:

a digital watermark insertion circuit which inserts, to the digital information, the digital watermark information of the type uniquely specified corresponding to the data held by said digital information.

2. A digital watermarking device as set forth in Claim 1, wherein

said digital watermark insertion circuit inserts the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information into the visual data corresponding to the time stamps.

3. A digital watermarking device as set forth in Claim 2, further comprising

a data separation circuit which separates the digital information into the visual data and the audio data, and

a data synthesis circuit which synthesizes the visual data and the audio data, wherein

said digital watermark insertion circuit inserts the digital watermark information to the visual data separated by said data separation circuit, and

said data synthesis circuit synthesizes the visual data containing the inserted digital watermark information and the audio data separated by said data separation circuit.

4. A digital watermarking device as set forth in Claim 2, further comprising

a time stamp detection circuit which detects and extracts the time stamp information from the visual data in said digital information.

5. A digital watermarking device as set forth in Claim 1, further comprising

a data separation circuit which separates the digital information into the visual data and the audio data,

a time stamp detection circuit which detects and extracts the time stamp information from said visual data, and

a data synthesis circuit which synthesizes the visual data and the audio data, wherein

said digital watermark insertion circuit inserts the digital watermark information of the type uniquely specified corresponding to the time stamp information

extracted from the visual data into the visual data separated by said data separation circuit, and

said data synthesis circuit synthesizes the visual data containing the inserted digital watermark information and the audio data separated by the data separation circuit.

6. A digital watermarking device to detect the digital watermark information from the digital information comprising:

a digital watermark detection circuit which detects, from the digital information, the digital watermark information of the type uniquely specified corresponding to the data held by said digital information.

7. A digital watermarking device as set forth in Claim 6, wherein

said digital watermark detection circuit detects the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information from the visual data corresponding to the time stamps.

8. A digital watermarking device as set forth in Claim 7, further comprising

a data separation circuit which separates the digital information into the visual data and the audio data,

a display signal generation circuit which prepares the display signal by synthesizing the visual data with the digital watermark information detected by said digital watermark detection circuit, and

an audio data conversion circuit which converts the audio data separated by said data separation circuit into the analog signal, wherein

said digital watermark detection circuit detects the digital watermark information from the visual data separated by said data separation circuit.

9. A digital watermarking device as set forth in Claim 7, further comprising

a time stamp detection circuit which detects and extracts the time stamp information from the visual data in said digital information.

10. A digital watermarking device as set forth in Claim 6, further comprising

a data separation circuit which separates the digital information into the visual data and the audio data,

a time stamp detection circuit which detects and extracts the time stamp information from the visual data

in said digital information,

a display signal generation circuit which prepares the display signal by synthesizing the visual data with the digital watermark information detected by said digital watermark detection circuit, and

an audio data conversion circuit which converts the audio data separated by said data separation circuit into the analog signal, wherein

said digital watermark detection circuit detects the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information from the visual data separated by said data separation circuit corresponding to the time stamps.

11. A digital watermarking device to insert the digital watermark information into the digital information comprising:

a digital watermark insertion circuit which inserts the digital watermark information of the type uniquely specified corresponding to the data held by said digital information to the digital information, and

a digital watermark detection circuit which detects the digital watermark information of the type uniquely specified corresponding to the data held by said digital information from the digital information.

12. A digital watermarking device as set forth in Claim 11, wherein

said digital watermark insertion circuit inserts the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information to the visual data corresponding to the time stamps, and

said digital watermark detection circuit detects the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information from the visual data corresponding to the time stamps.

13. A digital watermarking device as set forth in Claim 11, further comprising

a data separation circuit which separates the digital information into the visual data and the audio data,

a time stamp detection circuit which detects and extracts the time stamp information from said visual data,

a data synthesis circuit which synthesizes the visual data and the audio data,

a display signal generation circuit which prepares the display signal by synthesizing the visual

data with the digital watermark information detected by said digital watermark detection circuit, and

an audio data conversion circuit which converts the audio data separated by said data separation circuit into the analog signal, wherein

said digital watermark insertion circuit inserts, to the visual data separated by said data separation circuit, the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data,

said data synthesis circuit synthesizes the visual data containing the inserted digital watermark information and the audio data separated by the data separation circuit, and

said digital watermark detection circuit detects, from the visual data separated by said data separation circuit corresponding to the time stamps, the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information.

14. A digital watermark insertion method to insert the digital watermark information into the digital information, wherein

inserting the digital watermark information of the type uniquely specified corresponding to the data held by the digital information to the digital

information.

15. A digital watermark insertion method as set forth in Claim 14, wherein

extracting the time stamp information corresponding to the visual data in the digital information when the digital watermark information of the type uniquely specified corresponding to the data held by the digital information is inserted to the digital information, and

inserting the digital watermark information of the type uniquely specified corresponding to the time stamp information to the visual data corresponding to the time stamps.

16. A digital watermark detection method to detect the digital watermark information from the digital information, wherein

detecting the digital watermark information of the type uniquely specified corresponding to the data held by the digital information from the digital information.

17. A digital information detection method as set forth in Claim 16, wherein,

when the digital watermark information of the type uniquely specified corresponding to the data held

by the digital information is detected from the digital information,

extracting the time stamp information corresponding to the visual data in the digital information and detecting the digital watermark information of the type uniquely specified corresponding to the time stamp information from the visual data corresponding to the time stamps.

18. A computer readable memory to store the digital watermark insertion program which executes the digital watermark insertion processing to insert the digital watermark information to the digital information by controlling the computer, wherein

said digital watermark insertion program comprising the functions of:

executing the processing to insert, to the digital information, the digital watermark information of the type uniquely specified corresponding to the data held by the digital information.

19. A computer readable memory to store the digital watermark insertion program as set forth in Claim 18, wherein

said digital watermark insertion program

extracting the time stamp information corresponding to the visual data in the digital

information when inserting the digital watermark information of the type uniquely specified corresponding to the data held by the digital information to the digital information, and

inserting the digital watermark information of the type uniquely specified corresponding to the time stamp information into the visual data corresponding to the time stamps.

20. A computer readable memory to store the digital watermark detection program which executes the digital watermark detection processing to detect the digital watermark information from the digital information by controlling the computer, wherein

said digital watermark detection program comprising the functions of:

executing the processing to detect, from the digital information, the digital watermark information of the type uniquely specified corresponding to the data held by the digital information.

21. A computer readable memory to store the digital watermark detection program as set forth in Claim 20, wherein

said digital watermark detection program,

when the digital watermark information of the type uniquely specified corresponding to the data held

by the digital information is detected from the digital information,

extracting the time stamp information corresponding to the visual data in the digital information and detecting the digital watermark information of the type uniquely specified corresponding to the time stamp information from the visual data corresponding to the time stamps.

22. A digital watermarking device to insert the digital watermark information into the digital information comprising:

a digital watermark insertion means for inserting, to the digital information, the digital watermark information of the type uniquely specified corresponding to the data held by said digital information.

23. A digital watermarking device as set forth in Claim 22, wherein

said digital watermark insertion means inserts the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information into the visual data corresponding to the time stamps.

24. A digital watermarking device as set forth in

Claim 23, further comprising

a data separation means for separating the digital information into the visual data and the audio data, and

a data synthesis means for synthesizing the visual data and the audio data, wherein

said digital watermark insertion means inserts the digital watermark information to the visual data separated by said data separation means, and

said data synthesis means synthesizes the visual data containing the inserted digital watermark information and the audio data separated by said data separation means.

25. A digital watermarking device as set forth in Claim 23, further comprising

a time stamp detection means for detecting and extracting the time stamp information from the visual data in said digital information.

26. A digital watermarking device as set forth in Claim 22, further comprising

a data separation means for separating the digital information into the visual data and the audio data,

a time stamp detection means for detecting and extracting the time stamp information from said visual

data, and

a data synthesis means for synthesizing the visual data and the audio data, wherein

said digital watermark insertion means inserts the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data into the visual data separated by said data separation means, and

said data synthesis means synthesizes the visual data containing the inserted digital watermark information and the audio data separated by the data separation means.

27. A digital watermarking device to detect the digital watermark information from the digital information comprising:

a digital watermark detection means for detecting, from the digital information, the digital watermark information of the type uniquely specified corresponding to the data held by said digital information.

28. A digital watermarking device as set forth in Claim 27, wherein

said digital watermark detection means detects the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital

information from the visual data corresponding to the time stamps.

29. A digital watermarking device as set forth in Claim 28, further comprising

a data separation means for separating the digital information into the visual data and the audio data,

a display signal generation means for preparing the display signal by synthesizing the visual data with the digital watermark information detected by said digital watermark detection means, and

an audio data conversion means for converting the audio data separated by said data separation means into the analog signal, wherein

said digital watermark detection means detects the digital watermark information from the visual data separated by said data separation means.

30. A digital watermarking device as set forth in Claim 28, further comprising

a time stamp detection means for detecting and extracting the time stamp information from the visual data in said digital information.

31. A digital watermarking device as set forth in Claim 27, further comprising

a data separation means for separating the digital information into the visual data and the audio data,

a time stamp detection means for detecting and extracting the time stamp information from the visual data in said digital information,

a display signal generation means for preparing the display signal by synthesizing the visual data with the digital watermark information detected by said digital watermark detection means, and

an audio data conversion means for converting the audio data separated by said data separation means into the analog signal, wherein

said digital watermark detection means detects the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information from the visual data separated by said data separation means corresponding to the time stamps.

32. A digital watermarking device to insert the digital watermark information into the digital information comprising:

a digital watermark insertion means for inserting the digital watermark information of the type uniquely specified corresponding to the data held by said digital information to the digital information, and

a digital watermark detection means for detecting the digital watermark information of the type uniquely specified corresponding to the data held by said digital information from the digital information.

33. A digital watermarking device as set forth in Claim 32, wherein

said digital watermark insertion means inserts the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information to the visual data corresponding to the time stamps and

said digital watermark detection means detects the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information from the visual data corresponding to the time stamps.

34. A digital watermarking device as set forth in Claim 32, further comprising

a data separation means for separating the digital information into the visual data and the audio data,

a time stamp detection means for detecting and extracting the time stamp information from said visual

data,

a data synthesis means for synthesizing the visual data and the audio data,

a display signal generation means for preparing the display signal by synthesizing the visual data with the digital watermark information detected by said digital watermark detection means, and

an audio data conversion means for converting the audio data separated by said data separation means into the analog signal, wherein

said digital watermark insertion means inserts, to the visual data separated by said data separation means, the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data,

said data synthesis means synthesizes the visual data containing the inserted digital watermark information and the audio data separated by the data separation means, and

said digital watermark detection means detects, from the visual data separated by said data separation means corresponding to the time stamps, the digital watermark information of the type uniquely specified corresponding to the time stamp information extracted from the visual data in the digital information.